

Yorkshire Dales National Park

Forecast valid from 00:00 on Wednesday 09 Sep 2020 until 23:59 on Thursday 10 Sep 2020

Forecast Issued on Tuesday 08 Sep 2020 at 17:35

Confidence: High for generally changeable conditions, with brief spells of rain. Feeling a little warmer.

Headline for Wednesday 09 Sep 2020: Cloudy with outbreaks of rain. Drier and brighter later.

Mountain weather hazards on Wednesday 09 Sep 2020

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

No Likelihood

Heavy Snow

No Likelihood

Severe chill effect

No Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

Medium Likelihood

Strong sunlight

Medium Likelihood

Weather and chance of precipitation at 600m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Light rain	Light rain	Light rain	Sunny intervals	Sunny intervals	Sunny intervals	Clear night	Clear night
Precipitation probability							
20%	40%	30%	00%	00%	00%	00%	00%

Forecast for Wednesday 09 Sep 2020

Weather: Cloudy and breezy with outbreaks of rain or drizzle during the morning, perhaps turning persistent for a time. Gradually becoming drier and brighter from the north late morning with some spells of hazy sunshine. Staying generally clear into the evening and overnight.

Chance of cloud free mountain/hill tops above 600m: Less than 10% at first with bases widely down to around 500ft with some down to 300ft in the more persistent rain. Rapidly reaching greater than 90% during the morning as cloud lifts above the tops.

Visibility: Moderate or poor for much of the morning, very poor in the low cloud. Very good or excellent through the afternoon.

Forecast for Wednesday 09 Sep 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	21/28 SW	21/30 W	17/22 W	18/24 W	19/27 W	19/27 W	16/24 W	12/21 W	8/14 W
300	11/25 SW	14/30 W	10/24 NW	10/21 NW	13/25 W	14/26 W	10/23 W	9/21 W	4/14 NW
Valley	9/23 SW	13/27 W	5/17 NW	9/19 W	12/22 W	12/24 W	7/18 W	3/11 W	2/11 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/10	14/10	10/7	9/6	10/7	11/7	10/6	8/5	6/4
300	15/13	15/12	12/10	13/11	14/11	14/11	12/10	9/7	7/6
Valley	15/14	16/14	12/12	14/12	15/13	15/13	13/12	10/9	7/6
Freezing Level*	3500m	3200m	1900m	1600m	1700m	1800m	1700m	1500m	1400m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Significant contrast in conditions with poor visibility and rain in the morning, then long spells of sunshine by the afternoon.

Recent rainfall: measured at Malham: altitude 375m

Recorded at
14:00 on Tue 08 Sep 2020

Last 24 hours:
6.8mm

Last 48 hours:
17mm

Last 72 hours:
24.4mm

Forecast for Thursday 10 Sep 2020

Weather: Dry overnight with widespread clear spells. Staying dry throughout the day with only patchy cloud and plenty of dry or sunny spells and light winds.

Maximum wind: Westerly or northwesterly 15-20mph with gusts of 25mph at first soon easing.

Chance of cloud free mountain/hill tops above 600m: Greater than 90% with cloud above the tops for much of the day.

Visibility: Very good or excellent.

Temperature: **Valleys:** Plus 7 becoming 14 Celsius
At 600m: Plus 11 Celsius.
Freezing level: Above the summits.